In the event that you should require service for your Nikon RIFLESCOPE, in case of USA market, please send it directly to:Nikon Scope Service
841 Apollo Street, Suite 100
El Segundo, CA. 90245-4721
1-800-Nikon SV.
In other market, please bring it to dealer from which you purchased it.

Pour les autres marchés, veuillez apporter la lunette de visée au magasin où vous l'avez achetée.

Manufacturer: **NIKON VISION CO., LTD.**
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Tel:+81-3-3788-7697 **Fax:**+81-3-3788-7698

Printed in Taiwan (516B)/2E

ENCORE Handgun Scope
2x20 EER
2.5-8x28 EER

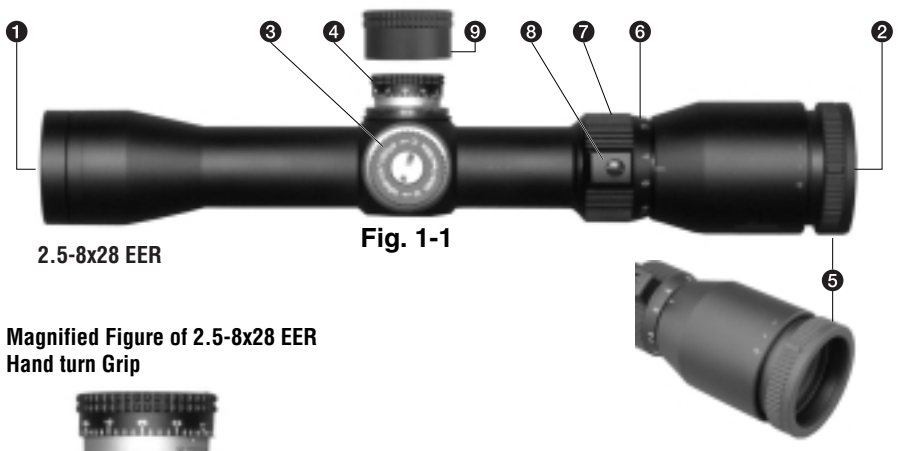
Instruction manual/Mode d'emploi E F

Congratulations on your choice of a Nikon ENCORE Handgun Scope. Your new scope is the finest example of Nikon's rugged and durable construction and precision bright optics; important qualities for a serious shooter's handgun scope.
Whether you use your scope for hunting or for target shooting, the procedure for mounting is identical. You should acquire a set of high quality steel mounting rings which have a standard diameter of 25.4 mm (1 inch). Follow the ring manufacturer's instructions for mounting procedures. After mounting the scope on your handgun scope, follow the procedures for reticle alignment.
When setting the reticle for hunting, you should determine your standard range and then adjust the reticle based upon that target distance. For targets which vary from that standard distance you may simply adjust the position of the reticle in relation to your target, or you may wish to use the procedure for trajectory compensation. It's up to your personal preference.
We hope that you will enjoy your new Nikon ENCORE Handgun Scope for many years to come. Enjoy using it, and above all, always follow safe shooting procedures!

Caution
(1) Do not look at the sun through the handgun scope. It will permanently damage your eye. This precaution applies to all optical devices such as cameras and binoculars.
(2) The handgun scope is effectively sealed against moisture and dust. You may use your scope safely either in the rain or in dusty climates. To preserve the appearance of the scope, we suggest that it be dried and cleaned prior to storage. Use a soft cloth for cleaning metal surfaces and use photographic lens tissue to clean the scope's lenses.

The product(s) described herein may be subject to export control regulations in the relevant country(ies). It (they) should not be exported without authorization of the exporting govermental authority if the regulations apply.

1. Nomenclature



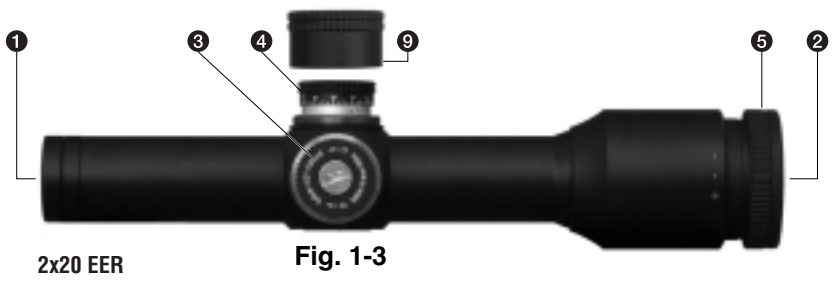
2.5-8x28 EER

Fig. 1-1

Magnified Figure of 2.5-8x28 EER
Hand turn Grip

Fig. 1-2

❶ *Objective Lens*
❷ *Eyepiece Lens*
❸ *Elevation Adjustment*
❹ *Windage Adjustment*
❺ *Eyepiece Adjustment*
❻ *Power Index Dot*
❼ *Power Scale*
❽ *Power Selector Ring*
❾ *Adjustment Cap*



2x20 EER

Fig. 1-3

Magnified Figure of 2x20 EER
Hand turn Grip

Fig. 1-4

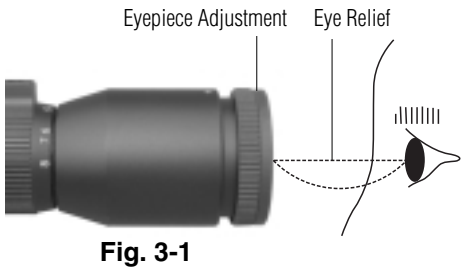


Fig. 3-1

BDC Encore Reticle

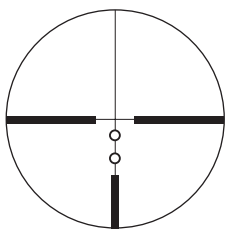


Fig. 3-2

Fig. 3-3

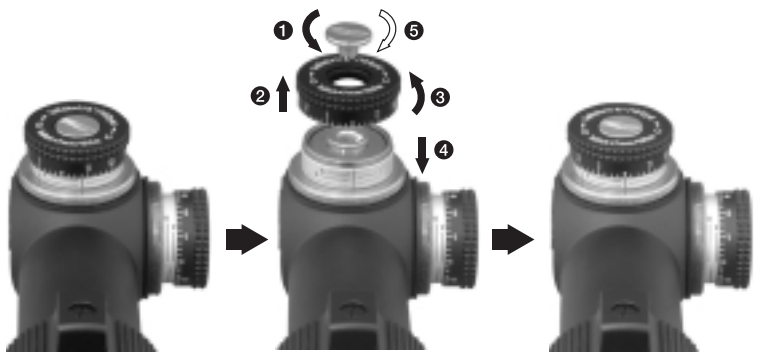


Fig. 3-4

3. Instructions

(1) Focusing
❶Look through the eyepiece with your eye positioned about 10cm (4 in) away from the eyepiece lens (Fig. 3-1), and you will see the BDC Encore Reticle (Fig. 3-2).
Be sure your eye is positioned within proper alingment and proper eye relief otherwise the view will "black out".
❷Point the objective end of the scope at the sky (Do not point at the sun) or at a plain unpatterned wall.
Turn the eyepiece adjustment counter-clockwise and then turn it clockwise until the reticle appears sharp.

(2) Magnification
- The Nikon ENCORE Handgun scope 2x20 EER has a 2x magnification.
- The Nikon ENCORE Handgun scope 2.5-8x28 EES has a variable magnification from 2.5 to 8X.
  To change powers, just rotate the power selector ring until the desired magnification appears adjacent to the power index dot (Fig. 1-1).

(3) Adjustment of the handgun scope
Sighting through the handgun scope, align the rifle with your aiming point on the target and shoot a trial round. If the bullet does not hit the aiming point, adjust the elevation and windage after removing the Adjustment cap, as follows:
- For the Nikon ENCORE Handgun Scope adjustment is made by turning the grip by hand. If the bullet hits under the aiming point, turn the grip in the direction of the arrow marked "U" (Fig. 3-3). If the bullet hits to the left of the aiming point, turn the grip in the direction of the arrow marked "R" (Fig. 3-3).

(4) Zero setting of grip (Fig. 3-4)
After the reticle has been adjusted to the point of impacts, with the grip held with your fingers to avoid shifting of the aligned grip, turn the grip screw in top of the grip counterclockwise with coin. Then lift the grip up and align the "▼" with the index mark. It may happen that the "▼" could not align with the index mark exactly because of the coupling pitch of the grip with the shaft. And by securing the grip with your fingers to avoid shifting of the grip, turn the grip screw clockwise with the coin until the grip in firmly secured.

Note:
- The windage and elevation scales of the ENCORE Handgun scope 2x20 EER is calibrated in divisions of 1/2 minite of angle with a click at intervals of 1/2 minute of angle.
- The windage and elevation scales of the ENCORE Handgun scope 2.5-8x28 EER is calibrated in divisions of 1/4 minute of angle with a click at intervals of 1/4 minute of angle .
- When adjusting the reticle to the point of aim, remember that one minute of angle equals approximately one inch (2.54 cm) at 100 yards (91.44 m). Therefore, if the impact point is two inches (5.08 cm) low and one inch (2.54 cm) right at 100 yards (91.44 m), you should adjust two minutes of angle up one minute of angle left.

Maintenance

(1) Lens cleaning
To remove dirt or fingerprint, soak gauze or lens cleaning paper (silicon-free paper sold at camera shop) with a small quantity of absolute alcohol (available from drugstore) and lightly wipe off. Wiping with handkerchief of leather is not recommended as it is likely to damage the lens surface.
Dust may scratch the lens surface or corrode the lens.
Brush dust off using a soft oil-free brush.

(2) Scope Exterior
Use a soft dry cloth to wipe off any dirt or finger-prints that might accumulate.
It is not necessary to oil the scope's surface.

(3) Windage/Elevation Adjustments
These adjustments are permanently lubricated. Do not attempt to lubricate them. Cover with caps supplied, except when adjusting, to keep out dust and dirt.

(4) Eyepiece Ajustment
This adjustment is permanently lubricated. Do not attempt to lubricate.

(5) Power Selector Ring
No lubrication is required on the power selector ring.
Do not loosen or remove screws in power selector ring.

Waterproof models:

The ENCORE Handgun scope are waterproof, and will suffer no damage to the optical system if submerged or dropped in water to a maximum depth of 2 meters for up to 10 minutes.

The ENCORE Handgun scope offer the following advantages:
- Can be used in conditions of high humidity, dust and rain without risk of damage.
- Nitrogen-filled design makes them resistant to condensation and mold.

Observe the following when using the ENCORE Handgun scope:
- As the unit does not have a perfectly sealed structure, it should not be operated nor held in running water.
- Any moisture should be wiped off before adjusting movable parts (Elevation/Windage knob, eyepiece, etc.) of the ENCORE Handgun scope to prevent damage and for safety reasons.

To keep your ENCORE Handgun scope in excellent condition, Nikon Vision recommends regular servicing by authorized dealer.

2. Specifications

Model		ENCORE 2x20 EER	ENCORE 2.5-8x28 EER
Actual Magnification	(mm) (in)	2x	2.5-8x
Objective Diameter	(mm) (in)	20 0.79	28 1.10
Exit Pupil	(mm) (in)	10 0.39	3.5 0.14
Eye Relief *	(mm) (in)	246.4-569.0 9.7-22.4	304.8-762(2.5x)-228.6-330.2(8x) 12-30(2.5x)-9-13(8x)
Field of View at 100yds. *	(m) (ft)	6.2 20.5	3.9-1.2 13.1-4.1
Tube Diameter	(mm) (in)	25.4 1	25.4 1
Objective Tube Diameter	(mm) (in)	25.4 1.00	35.5 1.40
Length	(mm) (in)	209 8.23	249 9.80
Weight	(g) (oz)	210 7.4	325 14.5
Adjustment Graduation	(moa)	1click=14mm/100m 1click=1/2"/100yards	1click=7mm/100m 1click=1/4"/100yards
Maximum Internal Adjustment (Elevation & Windage) **	(moa)	120	40
Parallax Setting (at factory) ***	(m) (yards)	91.44 100	91.44 100
Outside Diameter of Eyepiece	(mm) (in)	41 1.61	41 1.61
Structure		★Waterproof (maximum depth of 2 meter for up to 10 minites) and Nitrogen Gas	

* (at minimum magnification)-(at maximum magnification)
** moa=minute of angle (in front of 100 yards one moa is nearly equal to one inch.)
*** Nikon ENCORE Handgun Scope is factory set to be parallax free at 100 yards (91.44 m).

ITEM SUPPLIED
Body ..... 1pc.
Eyepiece cap, Objective cap 1pair